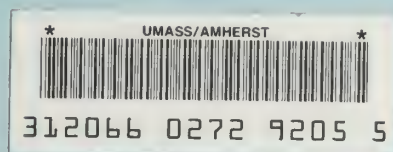


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EMPLOYMENT TRENDS  
SPRINGFIELD MSA  
1990 TO 1993



**EMPLOYMENT TRENDS**

**SPRINGFIELD MSA**

**1990 TO 1993**

**MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING  
FIELD SERVICE RESEARCH  
CHARLES F. HURLEY BUILDING  
GOVERNMENT CENTER  
BOSTON, MASSACHUSETTS 02114**

**SEPTEMBER 1994**



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## INTRODUCTION

This is one of a set of booklets prepared by the Massachusetts Department of Employment and Training to provide employment statistics for the Commonwealth and the major labor market areas. These areas, known as metropolitan statistical areas (MSAs) or primary metropolitan statistical areas (PMSAs), were defined by the federal government based on commuting patterns identified in the 1990 census. They became effective in 1993 in Massachusetts, but data have been revised back to 1989 for the nonagricultural wage and salary employment series, and back to 1990 for the local area unemployment statistics. All of the sub-state data contained in these packets is for these labor market areas.

Two different types of data are provided for the state and each of the local areas. The nonagricultural wage and salary employment series is based on a survey of employers and is an estimate of jobs by place of work. The labor force and unemployment statistics are based on a household survey and are estimates of employed and unemployed persons by place of residence. These two data sources are not comparable, but each has important uses. The nonagricultural employment series provides estimates of employment by major industry division and selected industries for the state and the major labor areas. The local area unemployment statistics program is the source of information on local unemployment rates.

The major labor areas in Massachusetts are:

- Barnstable-Yarmouth MSA
- Boston, MA-NH PMSA
- Brockton PMSA
- Fitchburg-Leominster PMSA
- Lawrence, MA-NH PMSA
- Lowell, MA-NH PMSA
- New Bedford PMSA
- Pittsfield MSA
- Springfield MSA
- Worcester, MA-CT PMSA

A booklet of "Employment Trends" is being prepared for the state and each labor market area identified above. To obtain a copy of any of these booklets call (617) 626-5744 or write to:

**MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING  
FIELD SERVICE RESEARCH  
CHARLES F. HURLEY BUILDING  
19 STANIFORD STREET  
BOSTON, MASSACHUSETTS 02114**



This booklet is organized as follows:

**I. Labor Force and Unemployment Data/Labor Market Area, Massachusetts and United States**

This section contains annual average labor force and unemployment statistics for the labor market area (1990-1993) and the state (1980-1993); it also contains annual average unemployment rates for the nation.

**II. Nonagricultural Wage and Salary Employment/Annual Averages/Labor Market Area**

Included here are annual average nonagricultural employment levels for major industries in the labor market area for the years 1989 to 1993. This section also contains employment percent distributions for major industry divisions.

**III. Nonagricultural Wage and Salary Employment/Major Industry Divisions/Massachusetts and United States**

This part contains annual average nonagricultural employment levels for major industry divisions in the state and nation. It also includes statewide percent distributions similar to those provided for the local areas in Section II. This state and national data is given for comparison purposes; more detailed data for Massachusetts is contained in a separate booklet. This section also includes a table providing total nonagricultural and manufacturing employment for Massachusetts and each of the major labor market areas for the most recent five years.

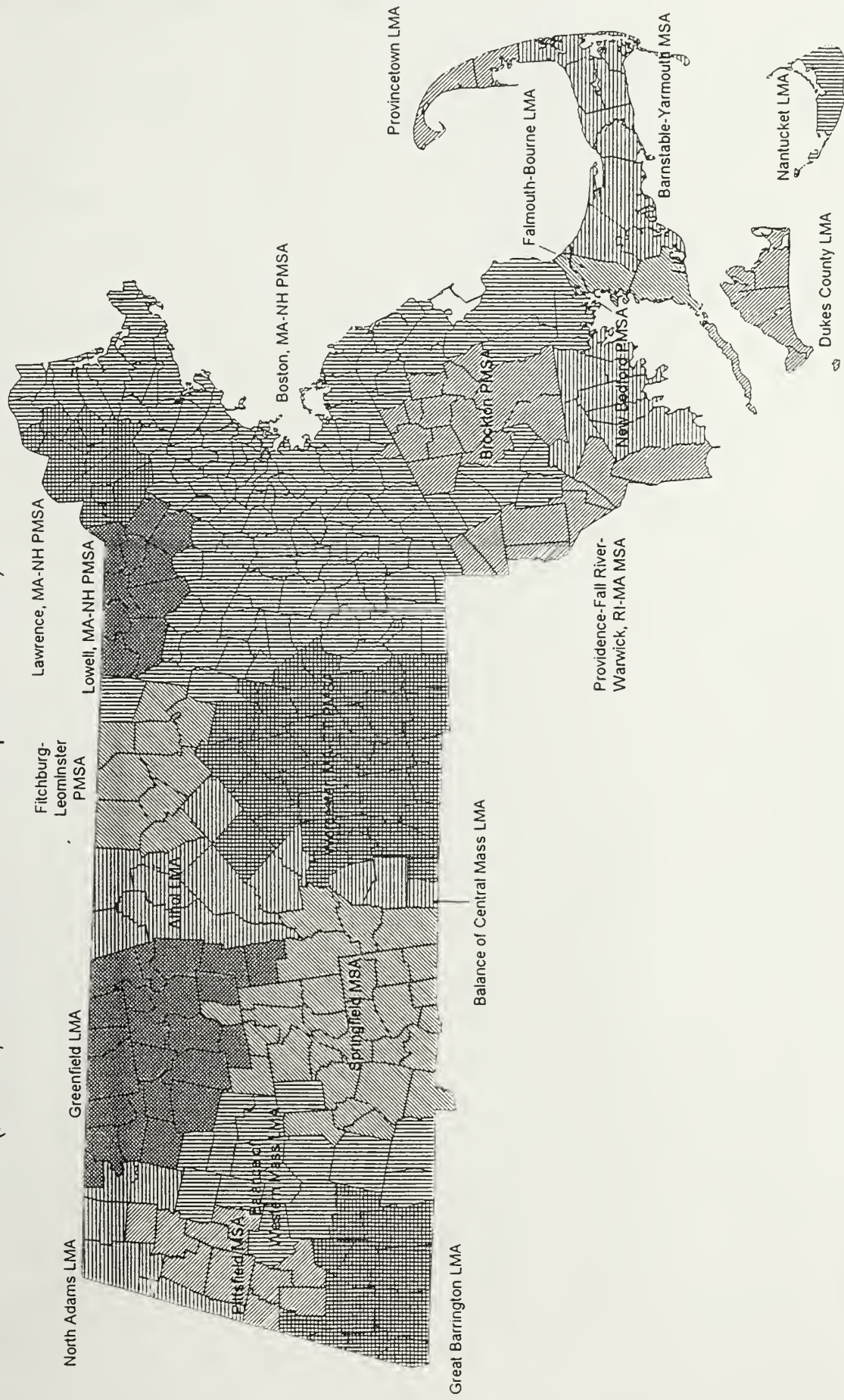
**IV. Detailed Nonagricultural Wage and Salary Employment Tables/Labor Market Area**

This section contains detailed monthly and annual average nonagricultural employment levels for major industry divisions and selected industries in the labor market area for the most recent five years.





# 1993 Labor Market Areas in Massachusetts (MSA's, PMSA's and non-metropolitan LMA's)





The Springfield MSA consists of the following communities:

Agawam  
Amherst  
Belchertown  
Chicopee  
Easthampton  
East Longmeadow  
Granby  
Hadley  
Hampden  
Hatfield  
Holyoke  
Huntington  
Longmeadow  
Ludlow  
Monson

Montgomery  
Northampton  
Palmer  
Russell  
South Hadley  
Southampton  
Southwick  
Springfield  
Sunderland  
Ware  
Westfield  
West Springfield  
Wilbraham  
Williamstown



**LABOR FORCE AND UNEMPLOYMENT DATA**

**THE SPRINGFIELD MSA,**

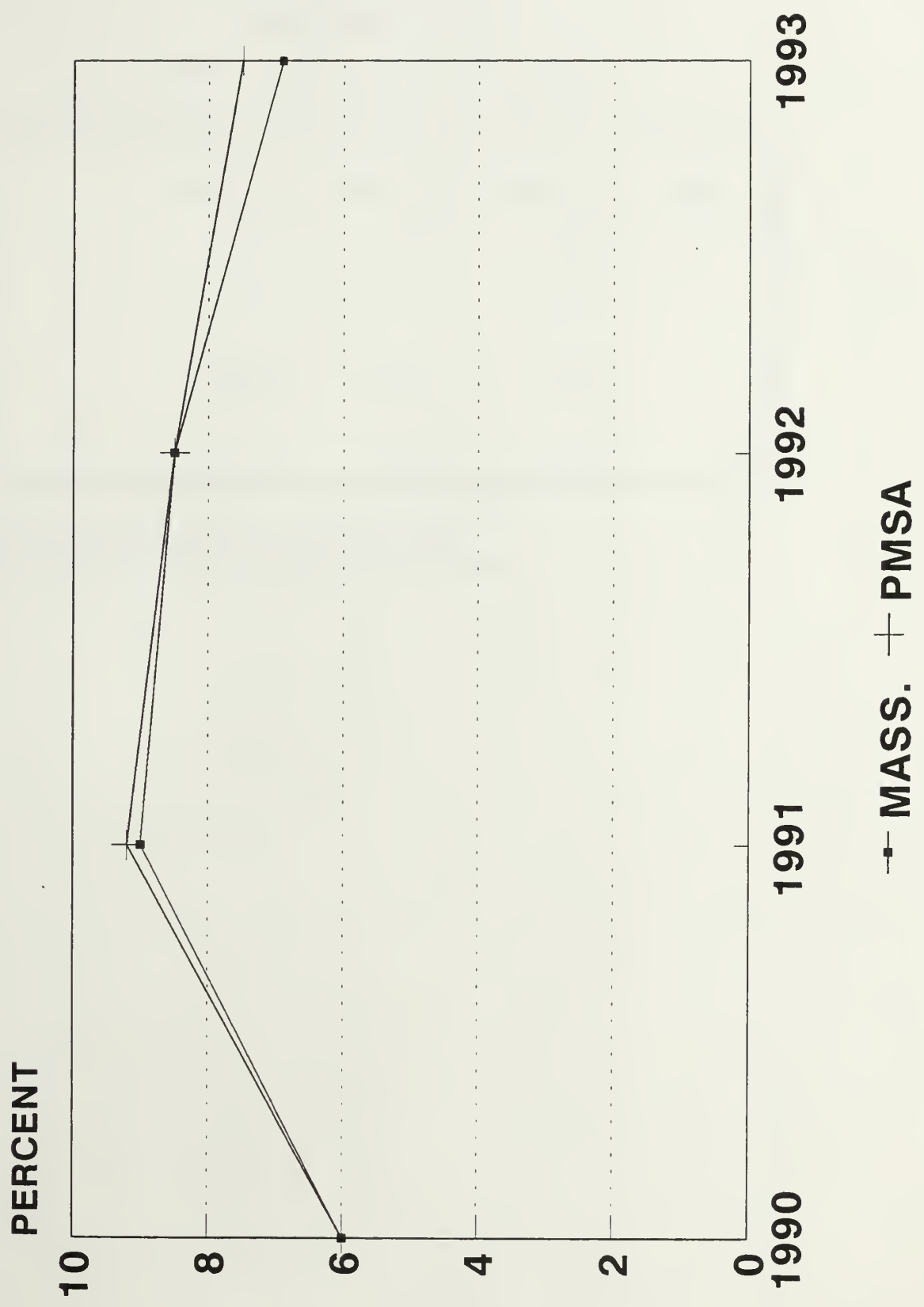
**MASSACHUSETTS**

**AND**

**THE UNITED STATES**



# ANNUAL UNEMPLOYMENT RATE MASSACHUSETTS & SPRINGFIELD MSA







**SPRINGFIELD MSA  
LABOR FORCE DATA**

**1990–1993 ANNUAL AVERAGES**

	Labor Force	Employ- ment	Unemploy- ment	Unemp. Rate
1990	295,187	277,518	17,669	6.0%
1991	289,319	262,785	26,534	9.2%
1992	287,641	263,300	24,341	8.5%
1993	288,257	266,773	21,484	7.5%

SOURCE: Massachusetts Department of Employment  
and Training, Local Area Unemployment Statistics (LAUS).



# SPRINGFIELD MSA

## LABOR FORCE, EMPLOYED, UNEMPLOYED & PERCENT BY MONTH AND ANNUAL AVERAGES 1990 TO 1993

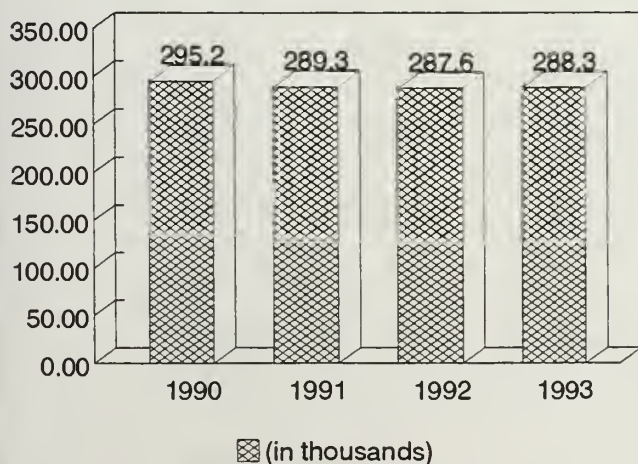
1990 Annual Average	Labor Force	Employed	Unem- ployed	Unemp Rate
Average	295,187	277,518	17,669	6.0%
January	291,212	277,180	14,032	4.8%
February	298,312	281,408	16,904	5.7%
March	297,146	280,130	17,016	5.7%
April	297,276	281,477	15,799	5.3%
May	298,997	283,636	15,361	5.1%
June	299,007	280,938	18,069	6.0%
July	296,284	276,693	19,591	6.6%
August	298,375	278,891	19,484	6.5%
September	292,875	274,764	18,111	6.2%
October	291,137	273,595	17,542	6.0%
November	290,887	271,689	19,198	6.6%
December	290,735	269,816	20,919	7.2%

1991 Annual Average	Labor Force	Employed	Unem- ployed	Unemp Rate
Average	289,319	262,785	26,534	9.2%
January	282,745	257,425	25,320	9.0%
February	287,618	259,598	28,020	9.7%
March	290,752	261,392	29,360	10.1%
April	289,665	265,723	23,942	8.3%
May	291,008	263,871	27,137	9.3%
June	291,697	262,939	28,758	9.9%
July	288,631	260,733	27,898	9.7%
August	284,410	257,926	26,484	9.3%
September	289,872	262,994	26,878	9.3%
October	291,185	265,992	25,193	8.7%
November	291,756	267,060	24,696	8.5%
December	292,489	267,762	24,727	8.5%

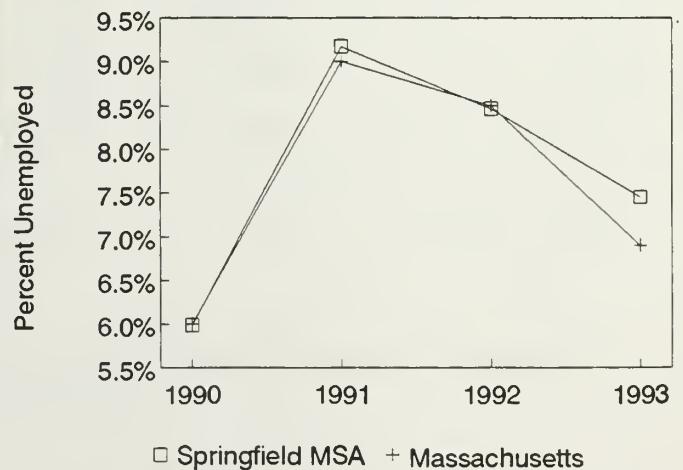
1992 Annual Average	Labor Force	Employed	Unem- ployed	Unemp Rate
Average	287,641	263,300	24,341	8.5%
January	284,778	260,603	24,175	8.5%
February	289,960	265,211	24,749	8.5%
March	291,790	262,378	29,412	10.1%
April	287,362	262,755	24,607	8.6%
May	289,429	266,272	23,157	8.0%
June	292,736	266,629	26,107	8.9%
July	288,978	264,209	24,769	8.6%
August	284,595	261,773	22,822	8.0%
September	282,034	258,747	23,287	8.3%
October	282,978	261,511	21,467	7.6%
November	287,573	263,727	23,846	8.3%
December	289,476	265,784	23,692	8.2%

1993 Annual Average	Labor Force	Employed	Unem- ployed	Unemp Rate
Average	288,257	266,773	21,484	7.5%
January	287,650	261,601	26,049	9.1%
February	288,240	262,391	25,849	9.0%
March	290,972	267,227	23,745	8.2%
April	284,942	264,516	20,426	7.2%
May	286,597	266,364	20,233	7.1%
June	288,579	268,135	20,444	7.1%
July	284,446	263,982	20,464	7.2%
August	285,470	264,577	20,893	7.3%
September	288,911	266,863	22,048	7.6%
October	291,450	272,017	19,433	6.7%
November	290,939	271,556	19,383	6.7%
December	290,882	272,046	18,836	6.5%

SPRINGFIELD MSA LABOR FORCE  
1990 to 1993



SPRINGFIELD MSA and MASSACHUSETTS  
UNEMPLOYMENT RATES 1990 to 1993



Source: Commonwealth of Massachusetts, Department of Employment and Training, Field Service Research Department, Local Area Unemployment Statistics (LAUS).



**MASSACHUSETTS LABOR FORCE DATA  
AND NATIONAL UNEMPLOYMENT RATE  
ANNUAL AVERAGES 1980–1993  
(Numbers in Thousands)**

	<u>Working Age Population</u>	<u>Labor Force</u>	<u>Employ- ment</u>	<u>Unemploy- ment</u>	<u>Unemployment Rate</u>	
					<u>Mass.</u>	<u>U.S.</u>
1980	4,374	2,867	2,706	162	5.6%	7.1%
1981	4,418	2,947	2,760	187	6.4%	7.6%
1982	4,443	2,993	2,757	237	7.9%	9.7%
1983	4,472	2,977	2,772	205	6.9%	9.6%
1984	4,511	3,047	2,902	145	4.8%	7.5%
1985	4,534	3,051	2,931	120	3.9%	7.2%
1986	4,563	3,058	2,941	118	3.8%	7.0%
1987	4,587	3,086	2,987	99	3.2%	6.2%
1988	4,612	3,155	3,052	103	3.3%	5.5%
1989	4,618	3,180	3,053	127	4.0%	5.3%
1990	4,705	3,224	3,032	193	6.0%	5.5%
1991	4,681	3,166	2,882	284	9.0%	6.7%
1992	4,663	3,149	2,882	267	8.5%	7.4%
1993	4,663	3,170	2,953	217	6.9%	6.8%

SOURCE: Massachusetts Department of Employment and Training and The United States Department of Labor, Bureau of Labor Statistics, Current Population Survey.

NOTE: National figure excludes military.

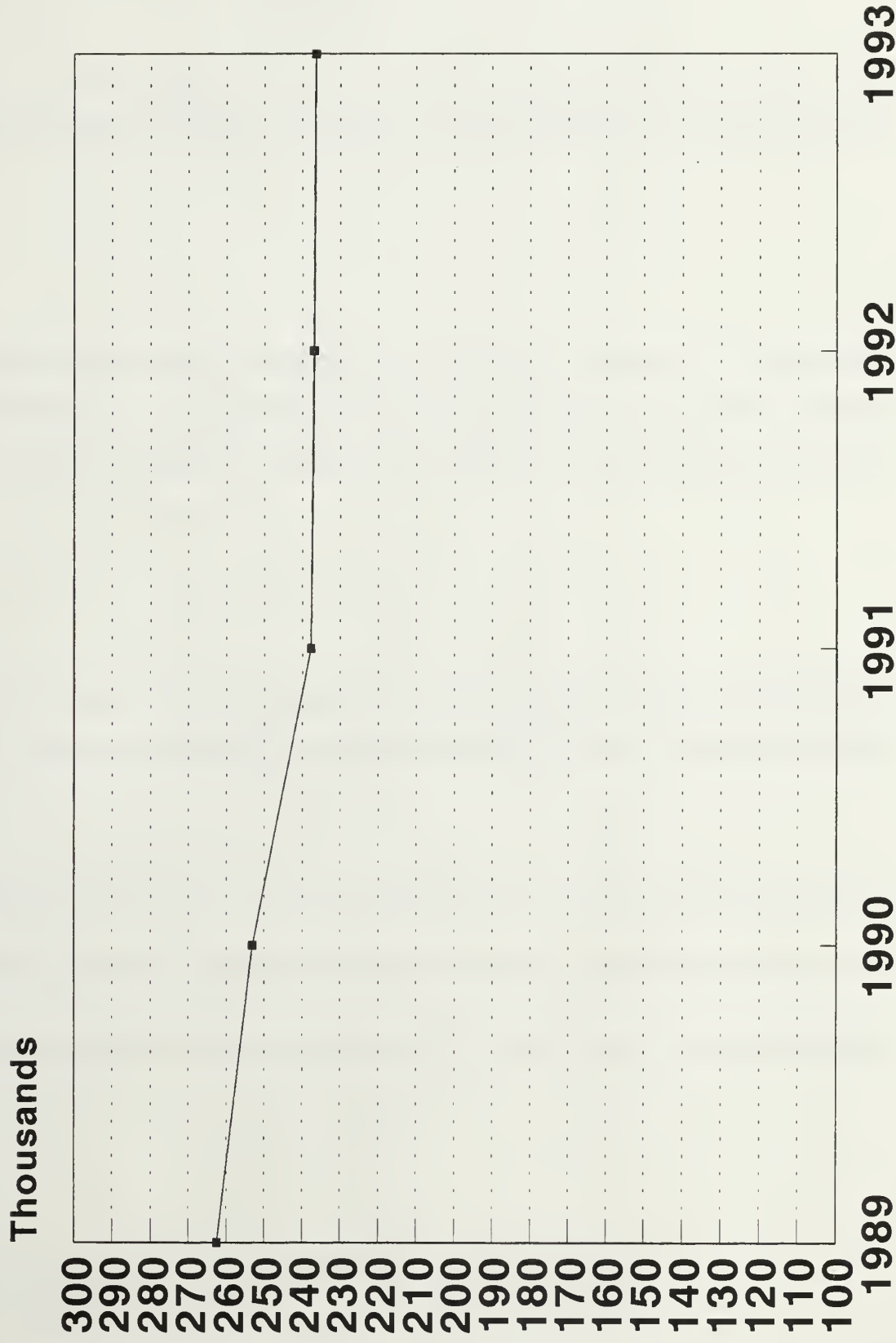


**NONAGRICULTURAL WAGE AND SALARY  
EMPLOYMENT  
ANNUAL AVERAGES  
THE SPRINGFIELD MSA**





# NONAGRICULTURAL EMPLOYMENT SPRINGFIELD MSA 1989 TO 1993





**NONAGRICULTURAL WAGE & SALARY EMPLOYMENT**  
**SPRINGFIELD MSA**  
**1989 TO 1993**  
**(in thousands)**

INDUSTRY	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Nonagricultural Employment</b>	<b>262.5</b>	<b>253.1</b>	<b>237.7</b>	<b>236.9</b>	<b>236.4</b>							
Total Private	216.6	208.2	195.7	194.6	193.3							
Goods Producing	60.0	55.7	51.3	49.0	47.4							
Service Producing	202.5	197.4	186.4	187.9	189.0							
Private Service Producing	156.6	152.5	144.4	145.6	145.9							
<b>Mining</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>							
<b>Construction</b>	<b>10.4</b>	<b>8.5</b>	<b>7.0</b>	<b>6.2</b>	<b>6.4</b>							
<b>Manufacturing</b>	<b>49.5</b>	<b>47.1</b>	<b>44.2</b>	<b>42.7</b>	<b>40.9</b>							
Durable Goods	24.9	23.7	22.0	20.9	19.8							
Fabricated Metals	6.5	6.1	5.6	5.3	5.2							
Nondurable Goods	24.5	23.3	22.2	21.7	21.0							
Paper & Allied Products	8.0	7.9	7.4	7.2	6.9							
Printing & Publishing	6.5	6.1	5.6	5.4	5.3							
<b>Trans. &amp; Pub. Utilities</b>	<b>10.2</b>	<b>10.4</b>	<b>9.7</b>	<b>8.8</b>	<b>8.6</b>							
<b>Wholesale &amp; Retail Trade</b>	<b>63.9</b>	<b>58.5</b>	<b>54.4</b>	<b>54.0</b>	<b>53.6</b>							
Wholesale Trade	11.9	10.3	9.4	8.5	8.7							
Retail Trade	52.0	48.3	45.0	45.5	45.0							
<b>Fin., Ins., &amp; Real Estate</b>	<b>16.3</b>	<b>16.1</b>	<b>15.2</b>	<b>15.1</b>	<b>14.1</b>							
Insurance carriers	7.0	7.0	6.9	6.5	5.7							
<b>Services</b>	<b>66.3</b>	<b>67.5</b>	<b>65.8</b>	<b>67.7</b>	<b>69.6</b>							
Health Services	23.3	24.6	24.7	25.9	26.1							
<b>Government</b>	<b>45.9</b>	<b>44.9</b>	<b>42.8</b>	<b>42.3</b>	<b>43.1</b>							
Federal	6.6	6.7	6.8	7.1	6.6							
U.S. Postal Service	4.1	4.1	4.0	4.0	3.8							
State	13.2	12.8	12.3	11.5	11.3							
Local	26.1	25.4	22.9	23.7	25.2							
Local Education	15.2	14.6	13.5	13.6	14.8							

*Source: Massachusetts Department of Employment & Training, Current Employment Statistics Survey (CES-790).*

*Note: Numbers may not add to totals due to rounding.*





**PERCENT DISTRIBUTION OF NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
SPRINGFIELD MSA  
BY YEAR  
1989 – 1993**

INDUSTRY	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Nonagricultural Employment</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>							
Total Private	82.5%	82.3%	82.3%	82.1%	81.8%							
Goods Producing	22.9%	22.0%	21.6%	20.7%	20.1%							
Service Producing	77.1%	78.0%	78.4%	79.3%	79.9%							
Private Service Producing	59.7%	60.3%	60.7%	61.5%	61.7%							
<b>Mining</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>							
<b>Construction</b>	<b>4.0%</b>	<b>3.4%</b>	<b>2.9%</b>	<b>2.6%</b>	<b>2.7%</b>							
<b>Manufacturing</b>	<b>9.3%</b>	<b>13.6%</b>	<b>13.6%</b>	<b>13.0%</b>	<b>17.3%</b>							
Durable Goods	2.5%	9.4%	9.3%	8.8%	8.4%							
Fabricated Metals	2.5%	2.4%	2.4%	2.2%	2.2%							
Nondurable Goods	9.3%	9.2%	9.3%	9.2%	8.9%							
Paper & Allied Products	3.0%	3.1%	3.1%	3.0%	2.9%							
Printing & Publishing	2.5%	2.4%	2.4%	2.3%	2.2%							
<b>Trans. &amp; Pub. Utilities</b>	<b>3.9%</b>	<b>4.1%</b>	<b>4.1%</b>	<b>3.7%</b>	<b>3.6%</b>							
<b>Wholesale &amp; Retail Trade</b>	<b>24.3%</b>	<b>23.1%</b>	<b>22.9%</b>	<b>22.8%</b>	<b>22.7%</b>							
Wholesale Trade	4.5%	4.1%	4.0%	3.6%	3.7%							
Retail Trade	19.8%	19.1%	18.9%	19.2%	19.0%							
<b>Fin., Ins., &amp; Real Estate</b>	<b>6.2%</b>	<b>6.4%</b>	<b>6.4%</b>	<b>6.4%</b>	<b>6.0%</b>							
Insurance	2.7%	2.8%	2.9%	2.7%	2.4%							
<b>Services</b>	<b>25.3%</b>	<b>26.7%</b>	<b>27.3%</b>	<b>28.6%</b>	<b>29.4%</b>							
Health Services	8.9%	9.7%	10.4%	10.9%	11.0%							
<b>Government</b>	<b>17.5%</b>	<b>17.7%</b>	<b>17.7%</b>	<b>17.9%</b>	<b>18.2%</b>							
Federal	2.5%	2.6%	2.9%	3.0%	2.8%							
U.S.Postal Service	1.6%	1.6%	1.7%	1.7%	1.6%							
State	5.0%	5.1%	5.2%	4.9%	4.8%							
Local	9.9%	10.0%	9.6%	10.0%	10.7%							
Local Education	5.8%	5.8%	5.7%	5.7%	6.3%							

*Source: Massachusetts Department of Employment & Training, Current Employment Statistics Survey (CES-790).*

*Note: Numbers may not add to totals due to rounding.*



**NET CHANGE OF NONAGRICULTURAL WAGE & SALARY EMPLOYMENT**  
**SPRINGFIELD MSA**  
**BY YEAR**  
**1989 TO 1993**  
(in thousands)

INDUSTRY	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00
<b>Nonagricultural Employment</b>	-9.4	-15.4	-0.8	-0.5							
Total Private	-8.4	-12.5	-1.1	-1.3							
Goods Producing	-4.3	-4.4	-2.3	-1.6							
Service Producing	-5.1	-11	1.5	1.1							
Private Service Producing	-4.1	-8.1	1.2	0.3							
<b>Mining</b>	0	0	0	-0.1							
<b>Construction</b>	-1.9	-1.5	-0.8	0.2							
<b>Manufacturing</b>	-2.4	-2.9	-1.5	-1.8							
Durable Goods	-1.2	-1.7	-1.1	-1.1							
Fabricated Metals	-0.4	-0.5	-0.3	-0.1							
Nondurable Goods	-1.2	-1.1	-0.5	-0.7							
Paper & Allied Products	-0.1	-0.5	-0.2	-0.3							
Printing & Publishing	-0.4	-0.5	-0.2	-0.1							
<b>Trans. &amp; Pub. Utilities</b>	0.2	-0.7	-0.9	-0.2							
<b>Wholesale &amp; Retail Trade</b>	-5.4	-4.1	-0.4	-0.4							
Wholesale Trade	-1.6	-0.9	-0.9	0.2							
Retail Trade	-3.7	-3.3	0.5	-0.5							
<b>Fin. Ins. &amp; Real Estate</b>	-0.2	-0.9	-0.1	-1							
Insurance	0	-0.1	-0.4	-0.8							
<b>Services</b>	1.2	-2.5	2.7	1.9							
Health Services	1.3	0.1	1.2	0.2							
<b>Government</b>	-1	-2.9	0.3	0.8							
Federal	0.1	0.1	0.3	-0.5							
U.S. Postal Service	0	-0.1	0	-0.2							
State	-0.4	-0.5	-0.8	-0.2							
Local	-0.7	-2.5	0.8	1.5							
Local Education	-0.6	-1.1	0.1	1.2							

*Source: Massachusetts Department of Employment & Training, Current Employment Statistics Survey (CES-790).*

*Note: Numbers may not add to totals due to rounding.*

*\* = Data prior to 1988 is not comparable*





**PERCENT CHANGE OF NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
SPRINGFIELD MSA  
BY YEAR  
1989 TO 1993**

INDUSTRY	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00
<b>Nonagricultural Employment</b>	-3.58%	-6.08%	-0.34%	-0.21%							
Total Private	-3.88%	-6.00%	-0.56%	-0.67%							
Goods Producing	-7.17%	-7.90%	-4.48%	-3.27%							
Service Producing	-2.52%	-5.57%	0.80%	0.59%							
Private Service Producing	-2.62%	-5.31%	0.83%	0.21%							
<b>Mining 1</b>	0.00%	0.00%	0.00%	-50.00%							
<b>Construction</b>	-18.27%	-17.65%	-11.43%	3.23%							
<b>Manufacturing</b>	-4.85%	-6.16%	-3.39%	-4.22%							
Durable Goods	-4.82%	-7.17%	-5.00%	-5.26%							
* Fabricated Metals	-6.15%	-8.20%	-5.36%	-1.89%							
Nondurable Goods	-4.90%	-4.72%	-2.25%	-3.23%							
Paper & Allied Products	-1.25%	-6.33%	-2.70%	-4.17%							
Printing & Publishing	-6.15%	-8.20%	-3.57%	-1.85%							
<b>Trans. &amp; Pub. Utilities</b>	1.96%	-6.73%	-9.28%	-2.27%							
<b>Wholesale &amp; Retail Trade</b>	-4.45%	-7.01%	-0.74%	-0.74%							
Wholesale Trade	-13.45%	-8.74%	-9.57%	2.35%							
Retail Trade	-7.12%	-6.83%	1.11%	-1.10%							
<b>Fin. Ins. &amp; Real Estate</b>	-1.23%	-5.39%	-0.66%	-6.62%							
* Insurance	0.00%	-1.43%	-5.80%	-12.31%							
<b>Services 1</b>	1.81%	-3.78%	4.15%	2.81%							
Health Services	5.58%	0.41%	4.86%	0.77%							
<b>Government</b>	-2.16%	-6.46%	0.71%	1.89%							
Federal	1.52%	1.49%	4.41%	-7.04%							
U.S. Postal Service	0.00%	-2.44%	0.00%	-5.00%							
State	-3.03%	-3.91%	-6.50%	-1.74%							
Local	-2.68%	-9.84%	3.49%	6.33%							
Local Education	-3.95%	-7.53%	0.74%	8.82%							

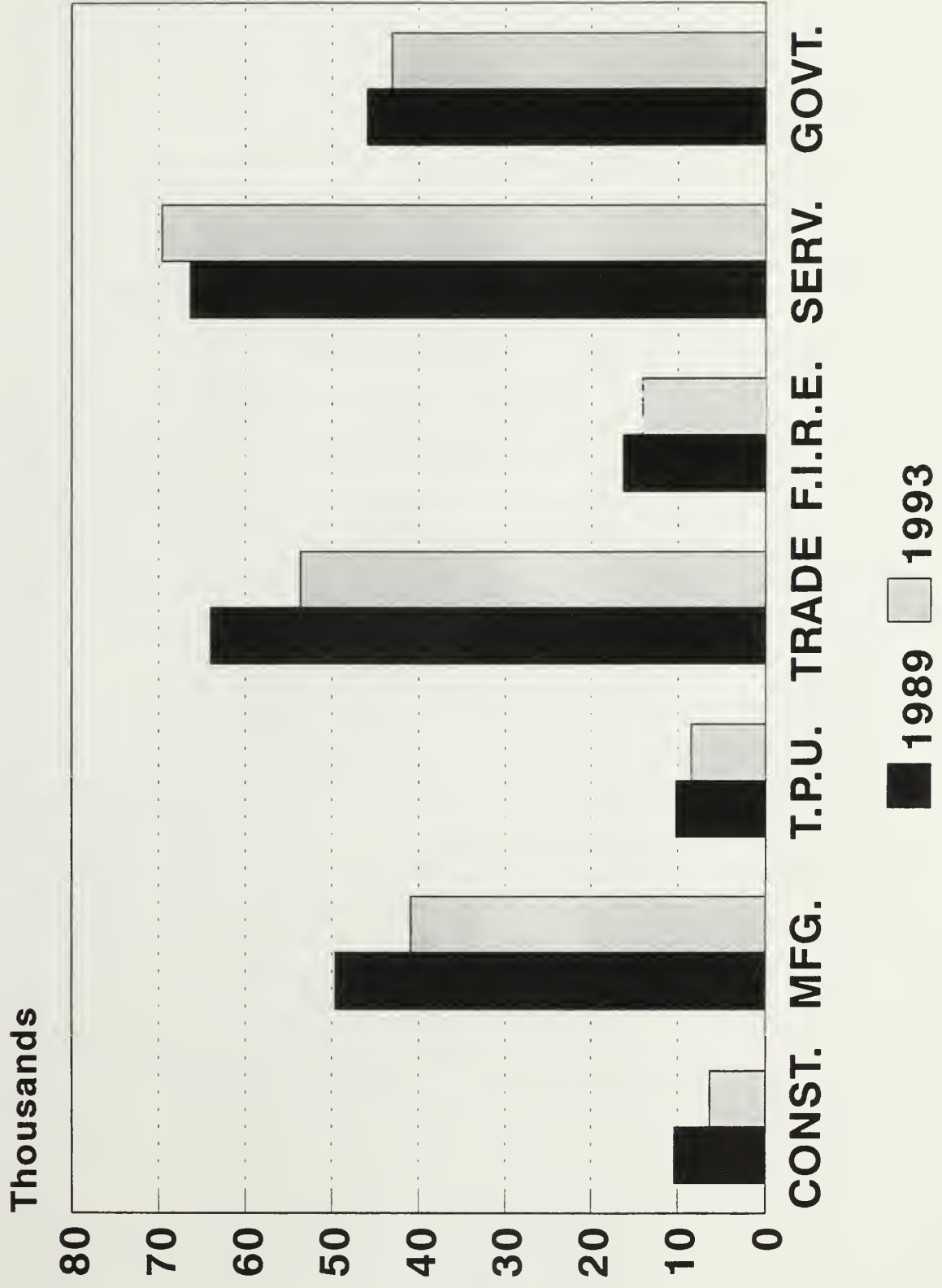
*Source: Massachusetts Department of Employment & Training, Current Employment Statistics Survey (CES-790).*

*Note: Numbers may not add to totals due to rounding.*



# EMPLOYMENT BY INDUSTRY DIVISION

## SRINGFIELD MSA 1989 & 1993





**NONAGRICULTURAL WAGE AND SALARY  
EMPLOYMENT  
MAJOR INDUSTRY DIVISIONS  
MASSACHUSETTS  
AND  
UNITED STATES**



**MASSACHUSETTS**  
**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**ANNUAL AVERAGES 1980-1993**  
(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Nonagricultural Employment	2,654.3	2,671.8	2,642.0	2,696.5	2,855.8	2,930.0	2,988.8	3,065.8	3,130.8	3,108.6	2,984.8	2,821.2	2,795.1	2,841.5
Mining 1	---	---	1.1	1.0	1.2	1.5	1.6	1.6	1.7	1.6	1.4	1.2	1.2	1.2
Construction	77.4	79.6	78.4	82.6	96.4	109.4	123.2	137.7	142.1	126.8	101.1	78.8	73.6	80.9
Manufacturing	673.3	668.0	636.5	629.0	667.6	649.7	614.4	599.1	584.7	561.1	521.3	485.0	465.7	453.5
Durable Goods	435.7	435.2	414.4	409.2	443.5	436.0	409.1	398.0	388.1	372.1	342.7	317.0	299.6	286.4
Nondurable Goods	237.6	232.9	222.1	219.7	224.1	213.6	205.3	201.1	196.5	189.0	178.6	168.0	166.1	167.1
Transportation and Public Utilities	121.6	120.1	120.0	118.2	123.3	125.4	125.9	131.0	133.6	128.3	129.9	123.4	121.4	123.5
Wholesale & Retail Trade	576.6	581.3	579.2	612.7	659.0	684.1	709.7	723.4	739.4	740.5	700.1	650.6	640.5	644.0
Wholesale Trade	---	---	133.3	140.8	151.9	154.7	162.8	170.9	178.9	179.6	170.2	158.7	154.2	152.2
Retail Trade	---	---	445.9	471.9	507.3	529.4	546.9	552.5	560.5	560.9	529.8	492.0	486.3	491.8
Finance, Insurance and Real Estate	159.0	164.8	168.7	171.8	179.0	188.1	202.6	217.9	221.5	217.3	213.3	201.8	196.7	199.3
Services 1	634.0	663.5	683.5	705.8	754.0	786.5	818.4	853.9	896.6	924.1	915.7	890.5	913.5	951.8
Government	412.3	394.6	374.7	375.4	375.4	385.3	393.0	401.2	411.3	408.8	402.2	389.9	382.6	387.4
High Technology Mfg.	---	238.4	238.2	240.2	261.3	258.5	245.0	239.9	238.6	229.9	213.2	198.9	186.6	175.0
High Technology Nonmfg.	---	---	---	---	70.2	75.9	82.0	85.2	94.1	95.6	93.6	90.3	93.1	97.7

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

Revised 5/94







**MASSACHUSETTS**  
**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**PERCENT DISTRIBUTION 1980-1993**

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Nonagricultural Employment	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Mining 1	—	—	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Construction	2.9%	3.0%	3.0%	3.1%	3.4%	3.7%	4.1%	4.5%	4.5%	4.1%	3.4%	2.8%	2.6%	2.8%
Manufacturing	25.4%	25.0%	24.1%	23.3%	23.4%	22.2%	20.6%	19.5%	18.7%	18.0%	17.5%	17.2%	16.7%	16.0%
Durable Goods	16.4%	16.3%	15.7%	15.2%	15.5%	14.9%	13.7%	13.0%	12.4%	12.0%	11.5%	11.2%	10.7%	10.1%
Nondurable Goods	9.0%	8.7%	8.4%	8.1%	7.8%	7.3%	6.9%	6.6%	6.3%	6.1%	6.0%	6.0%	5.9%	5.9%
Transportation and Public Utilities	4.6%	4.5%	4.5%	4.4%	4.3%	4.3%	4.2%	4.3%	4.3%	4.1%	4.4%	4.4%	4.3%	4.3%
Wholesale & Retail Trade	21.7%	21.8%	21.9%	22.7%	23.1%	23.3%	23.7%	23.6%	23.6%	23.8%	23.5%	23.1%	22.9%	22.7%
Wholesale Trade	—	—	5.0%	5.2%	5.3%	5.3%	5.4%	5.6%	5.7%	5.8%	5.7%	5.6%	5.5%	5.4%
Retail Trade	—	—	16.9%	17.5%	17.8%	18.1%	18.3%	18.0%	17.9%	18.0%	17.7%	17.4%	17.4%	17.3%
Finance, Insurance and Real Estate	6.0%	6.2%	6.4%	6.4%	6.3%	6.4%	6.8%	7.1%	7.1%	7.0%	7.1%	7.2%	7.0%	7.0%
Services 1	23.9%	24.8%	25.9%	26.2%	26.4%	26.8%	27.4%	27.9%	28.6%	29.7%	30.7%	31.6%	32.7%	33.5%
Government	15.5%	14.8%	14.2%	13.9%	13.1%	13.2%	13.1%	13.1%	13.1%	13.2%	13.5%	13.8%	13.7%	13.6%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

Revised 5/94



NONAGRICULTURAL AND MANUFACTURING EMPLOYMENT  
MASSACHUSETTS AND MAJOR LABOR AREAS  
ANNUAL AVERAGES 1989 – 1993  
(In Thousands)

	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Massachusetts – Total	3,108.6	2,984.8	2,821.2	2,795.1	2,841.5
Manufacturing	561.1	521.3	485.0	465.7	453.5
Boston, MA-NH PMSA – Total	1,892.2	1,824.6	1,719.0	1,706.0	1,728.6
Manufacturing	284.7	263.4	244.9	235.6	225.7
Springfield MSA – Total	262.5	253.1	237.7	236.9	236.4
Manufacturing	49.5	47.1	44.2	42.7	40.9
Worcester, MA-CT PMSA – Total	222.8	211.7	199.3	200.2	205.8
Manufacturing	49.1	45.0	41.9	40.7	39.4
Lawrence, MA-NH PMSA – Total	140.5	132.6	127.6	129.4	132.3
Manufacturing	42.3	39.6	37.4	36.6	34.8
Lowell, MA-NH PMSA – Total	112.8	108.1	102.3	101.3	101.4
Manufacturing	39.6	37.3	35.3	33.5	31.5
Brockton PMSA – Total	89.4	84.9	79.3	78.5	81.3
Manufacturing	12.4	11.8	11.2	11.1	10.9
New Bedford PMSA – Total	67.9	64.1	60.1	59.0	60.3
Manufacturing	18.1	16.2	15.2	15.0	15.5
Barnstable-Yarmouth MSA – Total	53.1	50.7	48.0	48.0	50.1
Manufacturing	3.2	2.5	2.2	1.9	2.0
Fitchburg-Leominster PMSA – Total	52.8	50.3	47.4	47.9	48.6
Manufacturing	15.9	14.6	13.8	14.3	14.5
Pittsfield MSA – Total	45.0	44.2	41.0	40.3	40.4
Manufacturing	11.5	10.3	8.7	8.3	7.8

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: These are new MSAs/PMSAs as defined by U. S. Office of Management & Budget on June 30, 1993;  
they are not comparable to older MSAs/PMSAs.



**UNITED STATES**  
**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT**  
**ANNUAL AVERAGES 1980-1993**  
(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Nonagricultural Employment	90,406	91,152	89,544	90,152	94,408	97,387	99,344	101,958	105,210	107,895	109,419	108,256	108,604	110,525
Mining	1,027	1,139	1,128	952	966	927	777	717	713	692	709	689	635	611
Construction	4,346	4,188	3,904	3,946	4,380	4,668	4,810	4,958	5,098	5,171	5,120	4,650	4,492	4,642
Manufacturing	20,285	20,170	18,780	18,432	19,372	19,248	18,947	18,999	19,314	19,391	19,076	18,406	18,104	18,003
Durable Goods	12,159	12,082	11,014	10,707	11,476	11,458	11,195	11,154	11,363	11,394	11,109	10,569	10,277	10,172
Nondurable Goods	8,127	8,089	7,766	7,725	7,896	7,790	7,752	7,845	7,951	7,997	7,968	7,837	7,827	7,831
Transportation and Public Utilities	5,146	5,165	5,081	4,952	5,156	5,233	5,247	5,362	5,514	5,625	5,793	5,762	5,721	5,787
Wholesale Trade	5,292	5,375	5,295	5,283	5,568	5,727	5,761	5,848	6,030	6,187	6,173	6,081	5,997	5,958
Retail Trade	15,018	15,171	15,158	15,587	16,512	17,315	17,880	18,422	19,023	19,475	19,601	19,284	19,356	19,717
Finance, Insurance and Real Estate	5,160	5,298	5,340	5,466	5,684	5,948	6,273	6,533	6,630	6,668	6,709	6,646	6,602	6,712
Services	17,890	18,615	19,021	19,664	20,746	21,927	22,957	24,110	25,504	26,907	27,934	28,336	29,052	30,278
Government	16,241	16,031	15,837	15,869	16,024	16,394	16,693	17,010	17,386	17,779	18,304	18,402	18,645	18,817

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

NOTE: Numbers may not add to totals due to rounding.

Revised 7/94



**DETAILED NONAGRICULTURAL WAGE AND SALARY  
EMPLOYMENT TABLES  
THE SPRINGFIELD MSA**



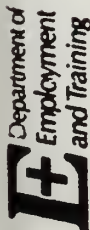


SPRINGFIELD, MASSACHUSETTS MSA  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1993

REVISED TO 1ST QTR 1993 BENCHMARK

I N D U S T R Y	S E R I E S C O D E	M O N T H												A V G.
		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	
NONAGRICULTURAL EMPLOYMENT	000000	230.4	232.5	232.6	236.5	239.0	238.1	234.7	233.2	238.7	240.3	240.6	240.3	236.4
TOTAL PRIVATE	000015	188.0	188.8	188.7	192.6	194.7	194.6	193.5	193.1	195.7	196.6	196.8	196.4	193.3
GOODS PRODUCING	000045	46.6	46.2	46.2	46.8	47.6	48.3	47.6	47.8	48.0	48.0	48.0	47.3	47.4
SERVICE PRODUCING	000055	183.8	186.3	186.4	189.7	191.4	189.8	187.1	185.4	190.7	192.3	192.6	193.0	189.0
PRIVATE SERVICE PRODUCING	000075	141.4	142.6	142.5	145.8	147.1	146.3	145.8	145.3	147.7	148.6	148.8	149.1	145.9
MINING	100001	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
CONSTRUCTION	200001	5.4	5.1	5.1	5.7	6.4	6.8	6.9	7.1	7.1	7.2	7.1	6.7	6.4
MANUFACTURING	300001	41.1	41.0	41.0	41.0	41.1	41.4	40.5	40.5	40.8	40.7	40.8	40.5	40.9
DURABLE GOODS	300016	20.0	20.0	20.0	20.0	20.0	20.0	19.6	19.4	19.8	19.6	19.8	19.7	19.8
FABRICATED METALS	334002	5.2	5.1	5.1	5.2	5.2	5.3	5.1	5.2	5.2	5.3	5.3	5.3	5.2
NONDURABLE GOODS	400016	21.1	21.0	21.0	21.0	21.1	21.4	20.9	21.1	21.0	21.1	21.0	20.8	21.0
PAPER & ALLIED PRODUCTS	426002	7.1	7.0	7.1	7.1	7.1	7.2	6.8	6.7	6.7	6.6	6.6	6.5	6.9
PRINTING & PUBLISHING	500001	5.4	5.3	5.3	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.5	5.4	5.3
TRANSPORTATION, PUBLIC UTILITIES	600001	8.8	8.7	8.6	8.7	8.7	8.7	8.1	8.1	8.7	8.8	8.8	8.7	8.6
WHOLESALE & RETAIL TRADE	600016	52.8	52.6	52.3	53.7	54.4	54.2	53.6	53.7	54.0	53.9	53.9	54.7	53.6
WHOLESALE TRADE	600036	8.6	8.8	8.9	8.6	8.7	8.8	8.8	8.7	8.8	8.7	8.7	8.6	8.7
RETAIL TRADE	700001	44.2	44.1	43.8	45.1	45.7	45.4	44.8	45.0	45.2	45.2	45.1	46.1	45.0
FINANCE, INSURANCE & REAL ESTATE	763002	14.1	14.0	14.0	14.1	14.1	14.2	14.1	14.1	13.9	14.0	14.0	14.0	14.1
INSURANCE CARRIERS	800001	5.8	5.7	5.7	5.7	5.7	5.8	5.7	5.6	5.6	5.6	5.6	5.5	5.7
SERVICES	800001	65.7	67.3	67.6	68.3	69.9	69.2	70.1	69.4	71.1	71.9	72.2	71.7	69.6
HEALTH SERVICES	880002	26.1	25.8	25.9	26.1	26.2	26.3	26.2	26.0	26.0	26.3	26.3	26.4	26.1
GOVERNMENT	900001	42.4	43.7	43.8	43.9	44.3	43.5	41.2	40.1	43.0	43.7	43.8	43.9	43.1
FEDERAL	910001	6.5	6.6	6.6	6.6	6.6	6.6	6.7	6.6	6.6	6.6	6.7	7.0	6.6
U S POSTAL SERVICE	914302	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	4.1	3.8
STATE	920001	11.0	12.0	12.0	12.0	11.9	11.0	10.8	10.4	11.1	11.3	11.2	10.7	11.3
LOCAL	930001	24.9	25.1	25.3	25.3	25.8	25.9	23.6	23.1	25.3	25.8	25.9	26.2	25.2
LOCAL EDUCATION	938202	14.9	15.1	15.3	15.1	15.3	15.3	12.6	12.2	14.8	15.3	15.6	15.5	14.8





SPRINGFIELD, MASSACHUSETTS MSA  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1992

REVISED TO 1ST QTR 1993 BENCHMARK

I N D U S T R Y	S E R I E S C O D E	M O N T H L Y M E D I A N W A G E S												A N N U A L P E R C E N T C H A N G E	
		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.	AVG.
NONAGRICULTURAL EMPLOYMENT	000000	231.9	234.3	235.6	237.8	239.7	239.2	232.5	231.4	237.9	240.4	241.1	240.8	236.9	236.9
TOTAL PRIVATE	000015	190.1	191.1	192.2	194.5	196.2	196.1	193.0	192.4	196.2	197.4	198.3	198.0	194.6	194.6
GOODS PRODUCING	000045	48.7	48.4	48.5	48.4	49.0	49.8	49.0	49.2	49.6	49.4	49.1	48.8	49.0	49.0
SERVICE PRODUCING	000055	183.2	185.9	187.1	189.4	190.7	189.4	183.5	182.2	188.3	191.0	192.0	192.0	187.9	187.9
PRIVATE SERVICE PRODUCING	000075	141.4	142.7	143.7	146.1	147.2	146.3	144.0	143.2	146.6	148.0	149.2	149.2	145.6	145.6
MINING	100001	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2
CONSTRUCTION	200001	5.3	5.0	5.1	5.7	6.3	6.6	6.7	6.9	6.9	6.8	6.6	6.2	6.2	6.2
MANUFACTURING	300001	43.3	43.3	43.3	42.5	42.5	43.0	42.1	42.1	42.5	42.5	42.4	42.5	42.7	42.7
DURABLE GOODS	300016	21.4	21.4	21.4	20.7	20.8	21.1	20.6	20.5	20.7	20.8	20.8	20.9	20.9	20.9
FABRICATED METALS	334002	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
NONDURABLE GOODS	400016	21.9	21.9	21.9	21.8	21.7	21.9	21.5	21.6	21.8	21.7	21.6	21.6	21.7	21.7
PAPER & ALLIED PRODUCTS	426002	7.4	7.4	7.4	7.4	7.3	7.4	6.9	7.1	7.2	7.1	7.1	7.1	7.2	7.2
PRINTING & PUBLISHING	427002	5.4	5.4	5.4	5.5	5.4	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
TRANSPORTATION, PUBLIC UTILITIES	500001	8.9	8.8	8.8	8.9	9.0	9.0	8.3	8.3	8.9	9.0	9.1	9.1	8.8	8.8
WHOLESALE & RETAIL TRADE	600001	52.8	52.8	53.1	54.0	54.7	54.3	53.3	53.0	54.2	54.4	55.5	56.1	54.0	54.0
WHOLESALE TRADE	600016	8.5	8.4	8.4	8.4	8.6	8.6	8.6	8.5	8.6	8.6	8.7	8.6	8.5	8.5
RETAIL TRADE	600036	44.3	44.4	44.7	45.6	46.1	45.7	44.7	44.5	45.6	45.8	46.8	47.5	45.5	45.5
FINANCE, INSURANCE & REAL ESTATE	700001	15.3	15.2	15.2	15.1	15.2	15.3	15.0	15.0	14.8	15.0	14.9	15.0	15.1	15.1
INSURANCE CARRIERS	763002	6.7	6.6	6.6	6.6	6.6	6.6	6.4	6.4	6.3	6.5	6.4	6.3	6.5	6.5
SERVICES	800001	64.4	65.9	66.6	68.1	68.3	67.7	67.4	66.9	68.7	69.6	69.7	69.0	67.7	67.7
HEALTH SERVICES	880002	25.4	25.4	25.6	25.7	25.7	26.0	26.0	26.0	26.0	26.4	26.5	26.6	25.9	25.9
GOVERNMENT	900001	41.8	43.2	43.4	43.3	43.5	43.1	39.5	39.0	41.7	43.0	42.8	42.8	42.3	42.3
FEDERAL	910001	7.0	7.0	7.0	7.1	7.0	7.2	7.2	7.2	7.1	7.1	7.1	7.3	7.1	7.1
U S POSTAL SERVICE	914302	4.1	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.2	4.0	4.0
STATE	920001	11.3	12.3	12.3	12.3	12.3	11.1	10.3	10.2	11.3	11.8	11.4	10.9	11.5	11.5
LOCAL	930001	23.5	23.9	24.1	23.9	24.2	24.8	22.0	21.6	23.3	24.1	24.3	24.6	23.7	23.7
LOCAL EDUCATION	938202	13.7	14.2	14.2	14.2	14.3	14.5	11.3	11.0	13.2	14.1	14.4	14.4	13.6	13.6



SPRINGFIELD, MASSACHUSETTS MSA  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1991

REVISED TO 1ST QTR 1993 BENCHMARK

SERIES CODE	I N D U S T R Y												AVG.
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	
NONAGRICULTURAL EMPLOYMENT	236.3	237.1	238.1	239.5	241.3	240.1	232.4	232.3	237.9	238.9	239.3	239.0	237.7
TOTAL PRIVATE	194.3	194.1	195.1	196.4	197.9	197.1	193.1	193.5	196.8	196.4	196.7	196.5	195.7
GOODS PRODUCING	51.3	50.5	50.6	51.4	51.7	52.3	50.9	51.4	51.8	51.6	51.4	50.8	51.3
SERVICE PRODUCING	185.0	186.6	187.5	188.1	189.6	187.8	181.5	180.9	186.1	187.3	187.9	188.2	186.4
PRIVATE SERVICE PRODUCING	143.0	143.6	144.5	145.0	146.2	144.8	142.2	142.1	145.0	144.8	145.3	145.7	144.4
MINING	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CONSTRUCTION	6.3	5.8	5.9	6.8	7.3	7.6	7.6	7.7	7.5	7.4	7.1	6.6	7.0
MANUFACTURING	44.9	44.6	44.6	44.4	44.2	44.5	43.1	43.5	44.1	44.0	44.1	44.0	44.2
DURABLE GOODS	22.7	22.6	22.5	22.2	22.1	22.1	21.5	21.3	21.7	21.7	21.8	21.8	22.0
FABRICATED METALS	5.7	5.6	5.6	5.6	5.6	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.6
NONDURABLE GOODS	22.2	22.0	22.1	22.2	22.1	22.4	21.6	22.2	22.4	22.3	22.3	22.2	22.2
PAPER & ALLIED PRODUCTS	7.5	7.5	7.5	7.6	7.4	7.5	6.9	7.4	7.4	7.3	7.4	7.4	7.4
PRINTING & PUBLISHING	5.6	5.6	5.6	5.6	5.5	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
TRANSPORTATION,PUBLIC UTILITIES	9.8	9.8	9.7	9.7	9.8	9.8	9.1	9.1	9.8	9.9	9.8	9.8	9.7
WHOLESALE & RETAIL TRADE	54.4	53.7	54.2	54.0	54.9	54.8	53.5	53.7	54.7	54.2	55.1	55.8	54.4
WHOLESALE TRADE	9.6	9.4	9.5	9.4	9.4	9.5	9.4	9.4	9.4	9.2	9.2	9.1	9.4
RETAIL TRADE	44.8	44.3	44.7	44.6	45.5	45.3	44.1	44.3	45.3	45.0	45.9	46.7	45.0
FINANCE, INSURANCE & REAL ESTATE	15.5	15.4	15.4	15.2	15.2	15.2	15.2	15.1	15.1	15.1	15.1	15.1	15.2
INSURANCE CARRIERS	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.9
SERVICES	63.3	64.7	65.2	66.1	66.3	65.0	64.4	64.2	65.4	65.6	65.3	65.0	65.0
HEALTH SERVICES	24.2	24.2	24.5	24.6	24.6	24.7	24.6	24.6	24.7	25.0	25.2	25.3	24.7
GOVERNMENT	42.0	43.0	43.0	43.1	43.4	43.0	39.3	38.8	41.1	42.5	42.6	42.5	42.0
FEDERAL	6.7	6.7	6.7	6.7	6.7	6.9	7.0	6.9	6.9	6.8	6.9	7.1	6.8
U S POSTAL SERVICE	4.1	4.1	4.0	4.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.0
STATE	12.0	12.9	12.9	12.9	12.9	11.8	11.3	11.3	12.2	12.5	12.5	12.0	12.3
LOCAL	23.3	23.4	23.4	23.5	23.8	24.3	21.0	20.6	22.0	23.2	23.2	23.4	22.9
LOCAL EDUCATION	14.0	14.1	14.2	14.1	14.2	14.4	11.3	11.0	12.8	13.7	13.9	13.9	13.5





SPRINGFIELD, MASSACHUSETTS MSA  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1990

REVISED TO 1ST QTR 1993 BENCHMARK

I N D U S T R Y		S E R I E S												A V G .	
		CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	
NONAGRICULTURAL EMPLOYMENT			253.7	254.8	256.2	256.1	257.0	256.4	248.5	248.6	252.8	251.7	251.7	250.1	253.1
TOTAL PRIVATE		000000	208.3	208.4	209.6	210.1	210.8	210.9	206.2	206.7	208.7	206.9	206.8	205.5	208.2
GOODS PRODUCING		000015	56.3	55.5	55.5	56.0	56.1	57.1	55.8	56.1	56.0	55.2	54.9	54.0	55.7
SERVICE PRODUCING		000045	197.4	199.3	200.7	200.1	200.9	199.3	192.7	192.5	196.8	196.5	196.8	196.1	197.4
PRIVATE SERVICE PRODUCING		000055	152.0	152.9	154.1	154.1	154.7	153.8	150.4	150.6	152.7	151.7	151.9	151.5	152.5
MINING		000075	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CONSTRUCTION		100001	7.9	7.4	7.6	8.3	8.7	9.2	9.3	9.3	9.1	8.8	8.4	7.8	8.5
MANUFACTURING		200001	48.3	48.0	47.8	47.5	47.2	47.7	46.3	46.6	46.7	46.2	46.3	46.0	47.1
OURABLE GOODS		300001	24.1	23.9	23.9	24.0	23.8	24.0	23.5	23.5	23.6	23.5	23.5	23.2	23.7
FABRICATED METALS		300016	6.0	6.0	6.0	6.2	6.3	6.2	6.1	6.1	6.0	6.0	6.0	5.9	6.1
NONDURABLE GOODS		334002	24.2	24.1	23.9	23.5	23.4	23.7	22.8	23.1	23.1	22.7	22.8	22.8	23.3
PAPER & ALLIED PRODUCTS		400016	8.1	8.1	8.1	7.9	7.9	8.0	7.7	7.8	7.8	7.7	7.8	7.8	7.9
PRINTING & PUBLISHING		426002	6.3	6.3	6.3	6.2	6.1	6.2	6.1	6.0	6.0	5.7	5.7	5.7	6.1
TRANSPORTATION, PUBLIC UTILITIES		500001	10.7	10.7	10.8	10.7	10.7	10.7	9.8	9.8	10.4	10.4	10.3	10.3	10.4
WHOLESALE & RETAIL TRADE		600001	59.8	58.9	59.3	58.8	59.0	58.7	57.5	57.4	58.1	57.6	58.3	58.6	58.5
WHOLESALE TRADE		600016	10.4	10.3	10.4	10.3	10.2	10.3	10.3	10.3	10.3	10.1	10.1	10.0	10.3
RETAIL TRADE		600036	49.4	48.6	48.9	48.5	48.8	48.4	47.2	47.1	47.8	47.5	48.2	48.6	48.3
FINANCE, INSURANCE & REAL ESTATE		700001	16.3	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.1	15.8	15.8	15.7	16.1
INSURANCE CARRIERS		763002	7.0	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.0
SERVICES		800001	65.2	67.1	67.8	68.3	68.7	68.1	66.8	67.1	68.1	67.9	67.5	66.9	67.5
HEALTH SERVICES		800002	24.2	24.2	24.3	24.3	24.4	24.6	24.8	24.7	24.8	24.6	24.8	24.9	24.6
GOVERNMENT		900001	45.4	46.4	46.6	46.0	46.2	45.5	42.3	41.9	44.1	44.8	44.9	44.6	44.9
FEDERAL		910001	6.7	6.6	6.6	6.7	6.7	6.8	6.9	6.9	6.7	6.7	6.7	6.9	6.7
U S POSTAL SERVICE		914302	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.2	4.1
STATE		920001	12.5	13.4	13.4	13.4	13.4	12.4	11.7	11.6	12.8	13.2	13.1	12.5	12.8
LOCAL		930001	26.2	26.4	26.6	25.9	26.1	26.3	23.7	23.4	24.6	24.9	25.1	25.2	25.4
LOCAL EDUCATION		938202	15.5	15.6	15.8	15.4	15.6	15.6	12.2	12.0	13.8	14.6	14.8	14.8	14.6



SPRINGFIELD, MASSACHUSETTS MSA  
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT  
FOR CALENDAR YEAR 1989

REVISED TO 1ST QTR 1993 BENCHMARK

I N D U S T R Y	S E R I E S C O D E	J A N . F E B . M A R . A P R I L M A Y J U N E J U L Y A U G . S E P T . O C T . N O V . D E C . A V G .											
NONAGRICULTURAL EMPLOYMENT	000000	259.7	262.7	264.5	265.0	265.7	266.2	259.2	259.1	260.9	261.5	262.4	262.5
TOTAL PRIVATE	000015	213.1	215.2	216.9	217.6	218.3	219.2	215.9	216.2	217.3	216.0	216.6	216.6
GOODS PRODUCING	000045	60.4	59.9	60.1	60.7	60.9	61.5	60.4	60.6	60.1	58.9	58.7	58.0
SERVICE PRODUCING	000055	199.3	202.8	204.4	204.3	204.8	204.7	198.8	198.8	200.8	202.6	203.7	202.5
PRIVATE SERVICE PRODUCING	000075	152.7	155.3	156.8	156.9	157.4	157.7	155.5	155.6	157.2	157.1	157.9	156.6
MINING	100001	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CONSTRUCTION	200001	9.6	9.2	9.5	10.4	10.8	11.3	11.4	11.3	10.9	10.5	10.2	10.4
MANUFACTURING	300001	50.6	50.6	50.5	50.1	49.9	50.0	48.8	49.1	49.0	48.2	48.3	49.5
DURABLE GOODS	300016	25.7	25.6	25.7	25.4	25.3	25.1	24.5	24.6	24.6	24.2	24.3	24.9
FABRICATED METALS	334002	6.7	6.6	6.7	6.5	6.4	6.5	6.5	6.5	6.4	6.2	6.2	6.5
NONDURABLE GOODS	400016	24.9	25.0	24.8	24.7	24.6	24.9	24.3	24.5	24.4	24.0	24.0	24.5
PAPER & ALLIED PRODUCTS	426002	8.2	8.2	8.1	8.0	8.0	8.1	7.9	7.9	7.9	7.8	7.8	7.7
PRINTING & PUBLISHING	427002	6.4	6.4	6.4	6.4	6.4	6.6	6.5	6.5	6.5	6.4	6.4	6.5
TRANSPORTATION, PUBLIC UTILITIES	500001	10.2	10.4	10.4	10.4	10.4	10.6	10.4	9.6	9.9	9.9	9.9	10.2
WHOLESALE & RETAIL TRADE	600001	63.1	63.1	63.9	63.2	63.6	63.8	63.9	64.3	64.1	63.6	64.4	63.9
WHOLESALE TRADE	600016	12.1	12.0	12.2	11.9	12.0	12.0	11.9	11.9	11.9	11.7	11.6	11.9
RETAIL TRADE	600036	51.0	51.1	51.7	51.3	51.6	51.8	52.0	52.4	52.2	51.9	52.8	52.0
FINANCE, INSURANCE & REAL ESTATE	700001	16.1	16.0	16.1	16.3	16.4	16.5	16.4	16.3	16.2	16.2	16.2	16.3
INSURANCE CARRIERS	763002	7.0	7.0	7.0	7.0	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0
SERVICES	800001	63.3	65.8	66.4	67.0	67.0	66.8	64.8	65.4	67.0	67.4	67.4	66.3
HEALTH SERVICES	880002	22.6	22.9	23.2	23.2	23.3	23.6	23.1	23.2	23.2	23.7	23.9	23.3
GOVERNMENT	900001	46.6	47.5	47.6	47.4	47.4	47.0	43.3	42.9	43.6	45.5	45.8	45.9
FEDERAL	910001	6.6	6.6	6.5	6.6	6.5	6.7	6.7	6.7	6.6	6.6	6.6	6.6
U S POSTAL SERVICE	914302	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
STATE	920001	12.8	13.7	13.7	13.6	13.6	12.6	12.0	11.9	13.1	13.9	13.9	13.2
LOCAL	930001	27.2	27.2	27.4	27.2	27.3	27.7	24.6	24.3	23.9	25.0	25.3	26.1
LOCAL EDUCATION	938202	16.0	16.2	16.1	16.4	16.4	16.7	13.3	13.0	13.2	14.9	15.1	15.2

1] Labor Dispute

2] Labor Dispute Over





